

## **FY2010 Defense Appropriations Requests**

### **Biological Air Filtering System Technology (BAFST)**

*Recipient:* Arkansas State University, PO Box 10, State University, AR, 72467

*Amount Requested:* \$4,000,000

*Project Description:* Funding would be used to continue research, experiments, testing, and demonstrations of a biological air filtering system technology, integrated into space and missile defense systems.

### **Bio-Mass Derived Alternative Fuels**

*Amount Requested:* Language Request

*Language Requested:* Bio-Mass Derived Alternative Fuels have superior properties and associated benefits relative to petroleum-based jet fuels leading to improved aircraft/vehicle performance. Proposed report language would commend United States Air Force bio-mass certification efforts, and express an expectation that the Department of Defense will procure biomass-derived alternative fuel when it is commercially available.

### **Pride Center for America's Wounded Veterans**

*Recipient:* Arkansas State University, PO Box 10, State University, AR, 72467

*Amount Requested:* \$2,000,000

*Project Description:* The Pride Center would assist wounded or disabled veterans in achieving personal and educational goals through rehabilitation, counseling, advocacy, and increased college access.

### **Spectroscopic Materials Identification Center**

*Recipient:* Arkansas State University, PO Box 10, State University, AR, 72467

*Amount Requested:* \$2,000,000

*Project Description:* Funding would be used to continue spectroscopic identification research.

### **Standoff Hazardous Agent Detection and Evaluation System (SHADES)**

*Recipient:* Arkansas State University, PO Box 10, State University, AR, 72467

*Amount Requested:* \$3,979,000

*Project Description:* Funding would be used for development of a real time identification of chemical threats using a highly reliable molecular identification and classification process.

### **Standoff Improvised Explosive Device Detection Program (SIEDP)**

*Recipient:* Arkansas State University, PO Box 10, State University, AR, 72467

*Amount Requested:* \$6,000,000

*Project Description:* Funding would be used to expedite research and development of a new generation of sensor technologies based on recent innovations in laser and spectroscopic techniques to provide powerful new capabilities in Improvised Explosive Device (IED) standoff detection.